

## CLAIMS:

1. A high-pressure discharge lamp assembly comprising a discharge lamp (1) and a concave reflector (11) arranged around a longitudinal axis (30),  
the discharge lamp (1) being closed in a gastight manner and comprising a first (3) and second (4) end portion and an ionizable gas filling, and in which a pair of electrodes (5, 6) is arranged,  
a first (7) and a second (8) current-supply conductor being connected to the pair of electrodes (5, 6) and issuing to the exterior from the first (3) and the second (4) end portion, respectively,  
the first end portion (3) of the discharge lamp (1) extending through an opening (14) arranged in a center section of the reflector (11),  
a conduction member (9) being connected to the second (8) current-supply conductor and extending through the opening (14) in the center section of the reflector (11),  
the conduction member (9) being connected to a contact member (10) provided on a surface of the reflector (11) facing away from the discharge lamp (1).
- 15 2. A high-pressure discharge lamp assembly as claimed in claim 1, characterized in that the reflector (11) is provided with a neck portion (12) arranged around the longitudinal axis (30), the conduction member (9) being provided on a surface of the neck portion (12) facing away from the discharge lamp (1).
- 20 3. A high-pressure discharge lamp assembly as claimed in claim 1 or 2, characterized in that the contact member (10) is provided as a circular conducting strip around the reflector (11).
- 25 4. A high-pressure discharge lamp assembly as claimed in claim 1 or 2, characterized in that a further contact member (20) is provided on the surface of the reflector (11), the further contact member (20) being connected to the first (7) current-supply conductor.

5. A high-pressure discharge lamp assembly as claimed in claim 4, characterized in that the further contact member (20) is provided as a circular conducting strip around the reflector (11).
- 5 6. A high-pressure discharge lamp assembly as claimed in claim 2, characterized in that the neck portion (12) is provided with an opening for passing through the conduction member (9).
- 10 7. A high-pressure discharge lamp assembly as claimed in claim 2, characterized in that the discharge lamp (1) is mounted in a fixation means (25) provided in the neck portion (12) of the reflector (10), the conduction member (9) being guided through the fixation means (25).
- 15 8. A high-pressure discharge lamp assembly as claimed in claim 2, characterized in that the neck portion (12) of the reflector (11) is provided with a substantially rotationally symmetrical lamp cap (21) of an insulating material, the lamp cap (21) being provided with the contact member (10B).
- 20 9. A high-pressure discharge lamp assembly as claimed in claim 8, characterized in that the contact member (10B) is provided as a circular conducting strip around the lamp cap (21).
- 25 10. A high-pressure discharge lamp assembly as claimed in claim 8, characterized in that the lamp cap (21) is provided with a multiplicity of indents (22) for fixating the contact member (10B).
11. A high-pressure discharge lamp assembly as claimed in claim 8, characterized in that the further contact member (20B) is provided on the lamp cap (21) on a location where the longitudinal axis (30) intersects the lamp cap (21).